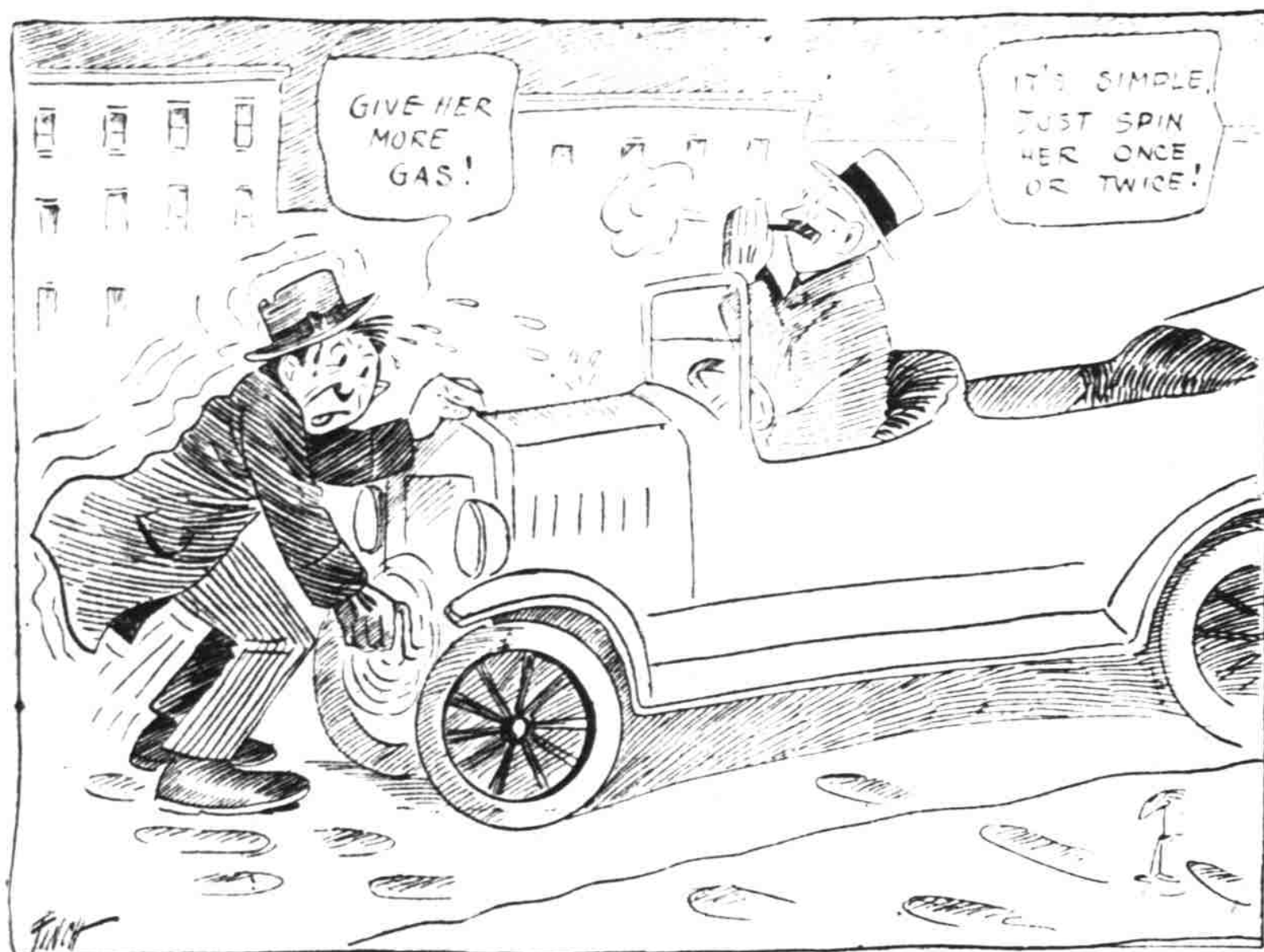


EARNING YOUR PASSAGE

RALPH DE PALMA
SETS ALL SPEED
MEN TO TALKING

Makes 112 Miles Per Hour for First Hour in His Aeroplane Twin Six Packard

Officials of the A. A. A. are making up their formal report on the record-breaking achievements of Ralph de Palma on the Sheepshead Bay speedway, November 16, in his aeroplane Twin Six car. Meanwhile, congratulatory messages are pouring in on De Palma and the Packard engineers.

According to the figures which there is every reason to believe the A. A. A. will certify as official, De Palma averaged more than 100 miles an hour for the entire six hours, despite stops for tire changes, oil and gas, aggregating more than 13 minutes.

De Palma's speed car is equipped with Packard Twin Six engine, aviation type, of 300 cubic inch displacement. Both engine and chassis were built in the Packard experimental shops. The record he broke was held by Darío Roma, Gene Chassagne and Lee K. Guinness, who alternately drove a Sunbeam car on the Brooklands track, London, 500 miles. The Sunbeam was of 600 cubic inch displacement. The record, established October 1, 1913, was not even closely approached until De Palma tackled it. He drove the entire distance himself. The Sunbeam averaged 97 miles per hour.

The first hour De Palma covered 112.96 miles; second hour, 112.45; third hour, 109.85; fourth hour, 110.14; fifth, 107.14; sixth hour, 105.52.

Those who saw the steady grind, pronounced the run the most remarkable exhibition of speed and endurance on record and warmly congratulated De Palma.

De Palma's face was badly whipped by the 110 mile gale and his mechanic, Jimmy Stees, was exhausted and half frozen at the end of the run. De Palma used Goodyear tires which gave a splendid account of themselves. The right front tire went 447 miles before it was changed, and was by no means worn through.

Local Motorists Asked To Bring Old Name Plates

W. H. James of the Sacramento Bee writes to the Star-Bulletin asking for old automobile number plates. A friend of his in the automobile business in Pennsylvania has adopted the idea of interior finishing with automobile plates. The novel idea is being worked out by Louis Rich of the Bessemer Motor Truck Company, Grove City, Pa.

Honolulu motorists who have old automobile plates are requested to notify the automobile editor of the Star-Bulletin or bring them to the Star-Bulletin office. Here is an excellent opportunity for Hawaii to gain a little publicity.

COHAGAN GOES TO NAWILIWILI

W. W. Cohagan, member of the sales force of the Schuman Carriage Company, has accepted a position with the Spitz Automobile Company of Nawiliwili, Kauai. Mr. Spitz, who has the agency for the Ford, Hudson, Oakland, White and a number of other cars on Kauai, has found that business has increased to such an extent that it was necessary to secure a real live automobile man to help out.

Mr. Cohagan has more than made good in the automobile business in Hawaii, and should be a big factor in boosting automobile conditions on the Garden Island. While in Southern California he was one of the leading advocates of progressive methods in automobile salesmanship and has

Expert Tire Man
Urges Repair of
All Small Cuts

H. C. Berggren, Recently Arrived From Michelin Branch, Preaches on Tire Waste



H. C. BERGGREN.

H. C. Berggren is a recent arrival from the mainland. He came to the Von Hamm-Young Company from the Michelin Tire branch in San Francisco. He has decided to make his home in Honolulu, and his aim will be to help motorists receive a greater number of miles out of tires. Mr. Berggren says that he is positive Honolulu is a super-paradise, and has been congratulating himself on being asked to come to Hawaii. He was agreeably surprised to find so many high grade cars and high-grade tires in Honolulu.

In discussing the tire situation today, Mr. Berggren said: "During 1917 35,000 tires were ruined by carelessness, and the majority have failed to give expected service, due to neglected cuts in the rubber on tread and side walls."

"I find on looking over the tires used in and about town that apparently an average of one tire on each car has sustained a cut in the rubber due to rocks or ruts in the road. If the Honolulu motorists will take a little unsolicited advice kindly, a good deal of extra mileage can be used. This can all be done without gotten out of these tires if on first notice of such an injury the owner would have same vulcanized. If a bad one or if it is but a minor one it can be repaired very nicely in this manner."

"First the cut should be washed out thoroughly with either benzine or gasoline and let dry. Then apply good rubber cement, let this dry, then another application also letting this dry. Then a small quantity of tire dough just enough to fill the cut should be removing the tire from rim and it is an operation of but a few minutes. The motorists who are having trouble of cutting their tires should try this and I feel sure they would receive full payment for their trouble in extra miles."

"The reason a cut, be it only a small one, can soon cause the short life of a tire is that sand and dirt enter and separate the rubber from the body of the tire. Water also enters and rots the fabric and soon a blowout will occur. A tire is human in a way and when injured and neglected it will surely die a most sad death. We know ourselves if we by accident receive an injury we immediately use a remedy to rectify this and the same should apply to an automobile tire if good service and long life is expected."

When using the self-starter be sure that the spark is retarded, as a back kick may wreck the mechanism. This is not necessary if the car is equipped with a magneto as the engine starts best when magneto spark is advanced.

ONE TANKER CAN
CARRY GASOLINE
USED IN HAWAII

No Shortage in Supply Expected; Hawaii Uses 2,400,000 Gallons in a Year

Hawaii is not in danger of a gasoline famine if the supply of gasoline on the mainland holds out. According to figures presented by Arthur Wayne, manager of Smoot & Steinhauser, the amount of gasoline used in the territory is about 200,000 gallons each month.

Of this amount it is thought that 50,000 gallons are used by the army. This would mean the distribution of 2,400,000 gallons in one year. Many motorists have remarked that it would be difficult to secure boats to transport this amount from the mainland, but as a matter of fact one tanker of the Standard Oil Co. is large enough to carry the entire supply of gasoline used in Hawaii during the year. And this could be carried in one trip.

According to the Standard Oil officials the largest tanker carries 92,000 barrels, or 4,500,000 gallons of gasoline, which is nearly double the amount used in the islands in one year. The average tanker carries about 2,500,000 gallons so one can appreciate the fact that it isn't the lack of boats which will cause Hawaii any trouble with a shortage of gasoline. There are figures to show that the fuel oil supply of Hawaii is 17,000,000 gallons each year.

Save Your Tires

Prepared by the Federal Rubber Company, secured through courtesy of Honolulu Rubber Works.

Proper Inflation.
Every mile of travel with less than proper inflation means decreased tire efficiency.

The principle of pneumatic tire construction is based upon the resiliency of air. The rubber and fabric of the ordinary pneumatic automobile tire form merely a container for it. To preserve this container, sufficient air pressure must be maintained within it to prevent too much flexion or bending of the fabric.

Just as a wire is readily broken by bending it sharply to and fro at the same point, so will the side walls of a tire inevitably break if constantly forced to bend too sharply. Keep tires inflated so they "stand up" fully under the weight they have to carry.

Improper Alignment.
Quick tread wear is sometimes due to misalignment of wheels. The front wheels of an automobile "toe in" slightly to make steering easier—usually about one-quarter of an inch. If there is too great a difference in the distances between the wheels the tires are subjected to a shearing wear which quickly grinds down the tread. Sometimes one front wheel is forced out of line with the same result, confined to one tire.

Misalignment in which the front wheels "toe out" is a common cause of rapid tread wear. It is usually due to a bent steering knuckle, or to wear in the steering connections. Careful motorists have the alignment of their wheels verified at regular intervals. It pays.

Unusual wear of the tread is a suspicious indication of misalignment. Your car should be immediately inspected.

79 CARS COMING HERE.

The rumor that Hawaii would be robbed of cars for the Christmas holidays does not appear to hold good as word has been received by local dealers that 79 cars will arrive from the mainland next week. These cars will be distributed among the various dealers of the city, and the salesmen are beginning to smile once again.

Figures compiled by the Canadian department of labor show that Canada is faring better than most countries in the cost of living. Since the war began the price of food in the dominion has increased 75 per cent, in Germany about 250 per cent, in Austria 200 per cent, in Norway, Denmark and Sweden about 200 per cent, in the United States 50 per cent.

Make Your "Drive"

AGAINST THE ENEMIES—"TIRE TROUBLE" AND "LOW MILE-AGE"—BY USING "AMERICA'S TESTED TIRES"—

Goodrich
Black Safety Treads

You get the maximum of service and the minimum of trouble from Goodrich Tires at all times. They're universally recognized as the "Best in the Long Run."

Schuman Carriage Co., Ltd.

DISTRIBUTORS

MERCHANT and ALAKEA STS.



CHRISTMAS

for the motorist will be made most enjoyable by giving him

ACCESSORIES

YOU'RE a motorist, let's say. Can you imagine any more personal joy than you would experience in opening up a package that enclosed a beautiful Rear-Sight Mirror or Spot Light or kit of wrenches? Any man or woman who drives a car will be equally pleased when you give him or her something for the car.

Stewart-Warner Products

x x x

Rear-Sight Mirrors

x x x

Speedometers

x x x

Engine-Driven Tire Pumps

x x x

Cowl Clocks

x x x

Instrument Boards for Fords

x x x

Auto Guards

x x x

V-Ray Searchlights

x x x

Diffusing Lens



In case of duplication of such gifts, we will gladly exchange anything bought from us for an equal value of anything in the store, either merchandise or service.

The easiest and perhaps the best way is to give a

Smoot & Steinhauser, Ltd.

Merchandise Order

—in the form of a Credit Note. It is redeemable at any time for any part of it or all of it in merchandise or service.

Boyce Motometers

x x x

Willson Goggles

x x x

Flashlights

x x x

Tool Kits

x x x

Star Diffusing Lens

x x x

Baseline Tow Line

x x x

Pressure Gauge for Tires

x x x

Klaxon Horns

x x x

J-M. Fire Extinguishers

x x x

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